FIGURE 1A

Basic Operators

A	B	C	D	E	F
Boolean Logic	Set Theory	Propositional Logic	Conventional Logic Diagram	BGI	Diagrammatic Boole Logic
AND					AND
OR					OR
NOT					NOT
EXCLUSIVE OR					EXCLUSIVE OR
NOT OR (NOR)					NOR　OR　NOT OR
NOT AND (NAND)					NAND　OR　NOT OR

FIGURE 1B

Other Operators

Description	E sca
TIME DELAY	
START/ GO FOR HARD	
STOP	
STATUS OK	
REVERSE/ GO BACKWARD	
RANK	
RANK	
WEIGHTED AVERAGE	
STATISICAL ANALYSIS	
INDUCTIVE LOGIC	
DEDUCTIVE LOGIC	
TOP DOWN SEARCH	
BOTTOM UP SEARCH	
INTELLIGENT AGENT	
ADAPTIVE INTERFACE	
CRISP LOGIC	
FUZZY LOGIC	
REPEAT	
ROBUST MORE/LESS (t=s=t.c.)	
QUANTILE	
REMOVE TAILSOF DISTRIBUTION (from 2 Standad Deviations)	
OUTLIERS	
LAUNCH (Applicationsc.)	

Description	E sca
ROBUST MORE/LESS (t=s=t.c.)	
QUANTILE	
REMOVE TAILSOF DISTRIBUTION (from 2 Standad Deviations)	
OUTLIERS	
LAUNCH (Applicationsc.)	
BLOCK- MODELLING	
LINEAR ANALYSIS	
NON-LINEAR ANALYSIS	
DISCONTINUOUS DATA	
HETEROSCEDASTICITY	
NEGATIVE SKEW	
POSITIVE SKEW	
NON-INDEPENDENT DATA	
EXPERIMENT AL ANALYSIS	
EVOLUTIONARY ANALYSIS	
NONSENSE	
MULTICOLLINEARITY	
ADD LIQUID	
STEP UP	
STEP DOWN	
BEAT INGREDIENTS	
HEAT	
COOL	

FIGURE IC

SEMANTIC ANALYSIS AMERICAN ENGLISH

FUZZY LOGIC CRISP LOGIC

1 + 1 = 2

FIGURE 1D

FIGURE 2A

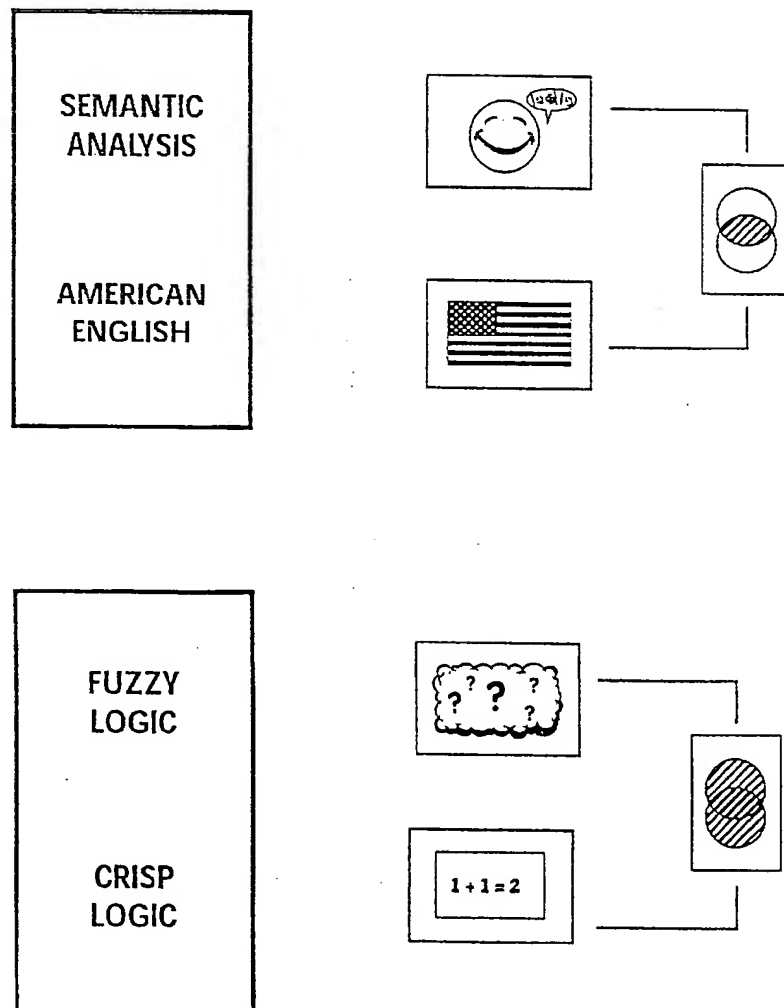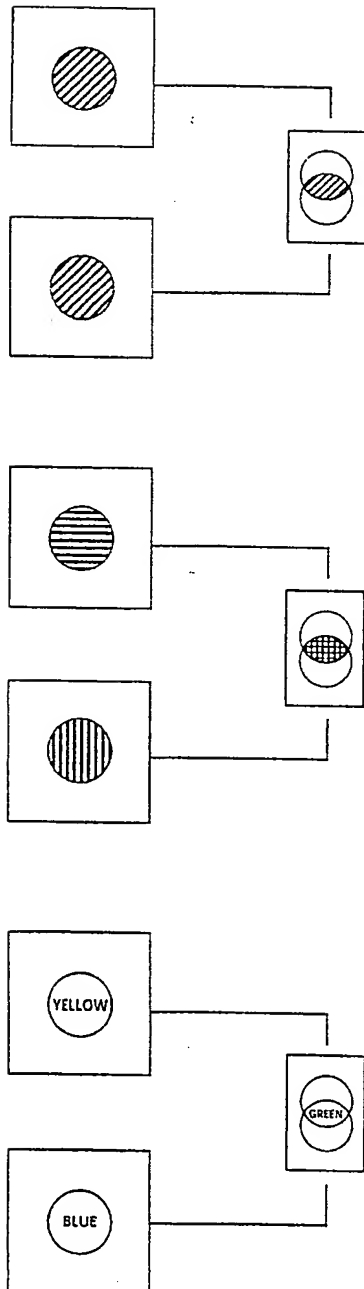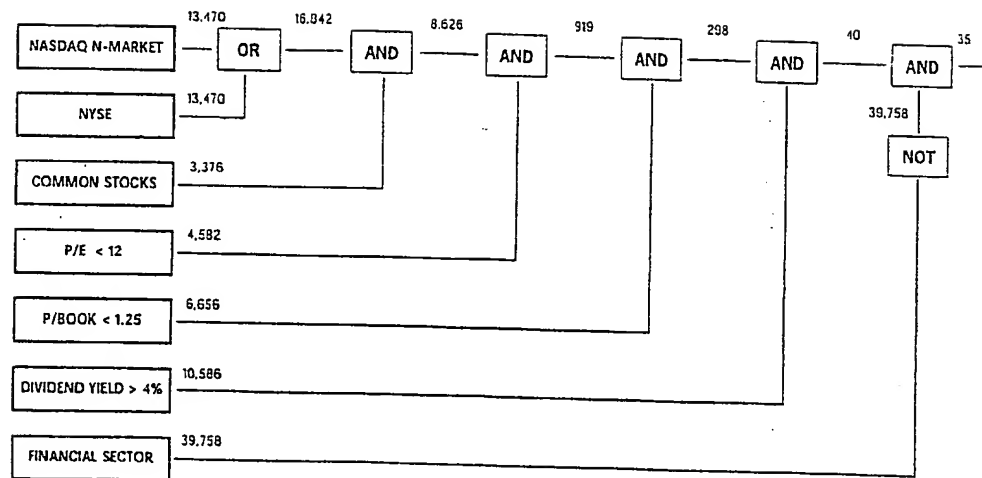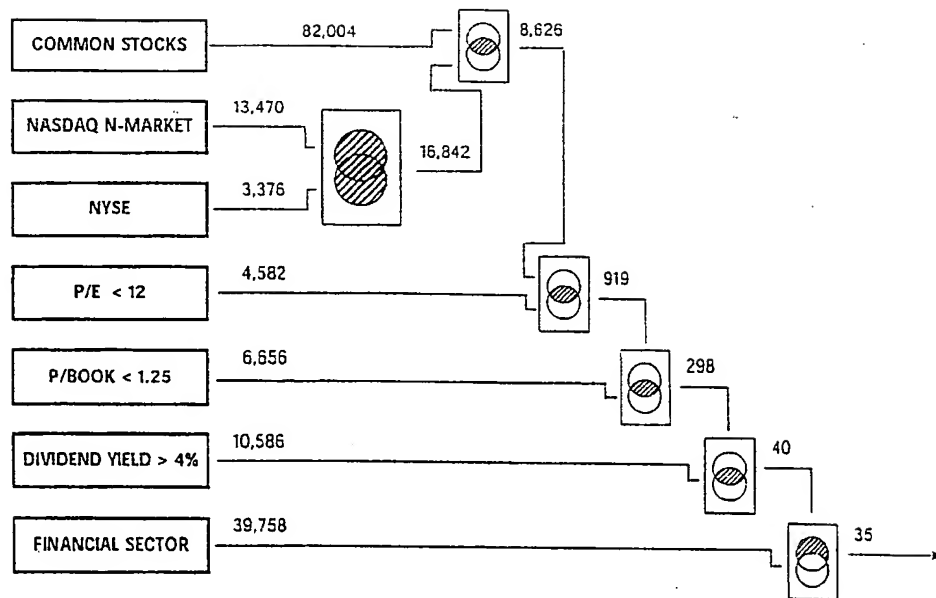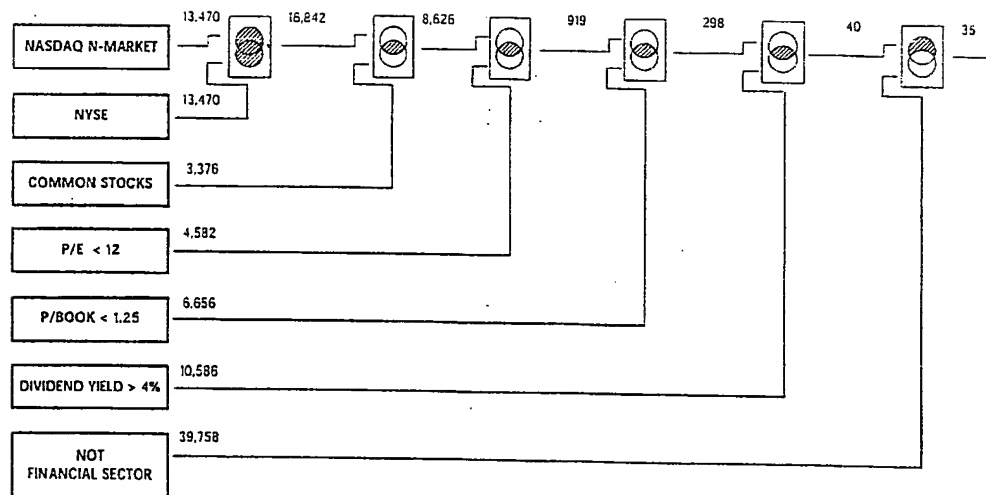|	
[(TRADED: NASDAQ N-MARKET)	OR
(TRADED NYSE)]	AND
(COMMON STOCK)	AND
(P/E < 12x)	AND
P/BOOK < 1.25x)	AND
(DIVIDEND YIELD > 4%)	AND NOT
(FINANCIAL SECTOR COMPANY)	

FIGURE 2B

FIGURE 3A

COMMON STOCKS	82,004	
		8,626
NASDAQ N-MARKET	13,470	
		16,842
NYSE	3,376	
P/E < 12	4,582	919
P/BOOK < 1.25	6,656	298
DIVIDEND YIELD > 4%	10,586	40
FINANCIAL SECTOR	39,758	35

FIGURE 3B

	13,470		16,842		8,626		919		298		40		35

NASDAQ N-MARKET

NYSE   13,470

COMMON STOCKS   3,376

P/E < 12   4,582

P/BOOK < 1.25   6,656

DIVIDEND YIELD > 4%   10,586

NOT FINANCIAL SECTOR   39,758

FIGURE 4

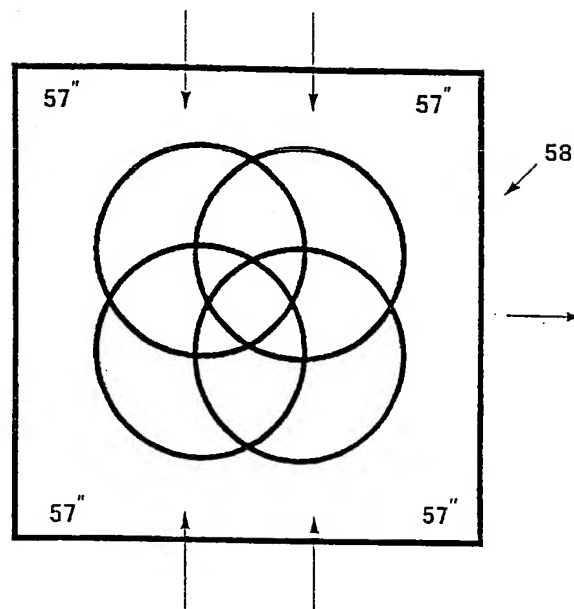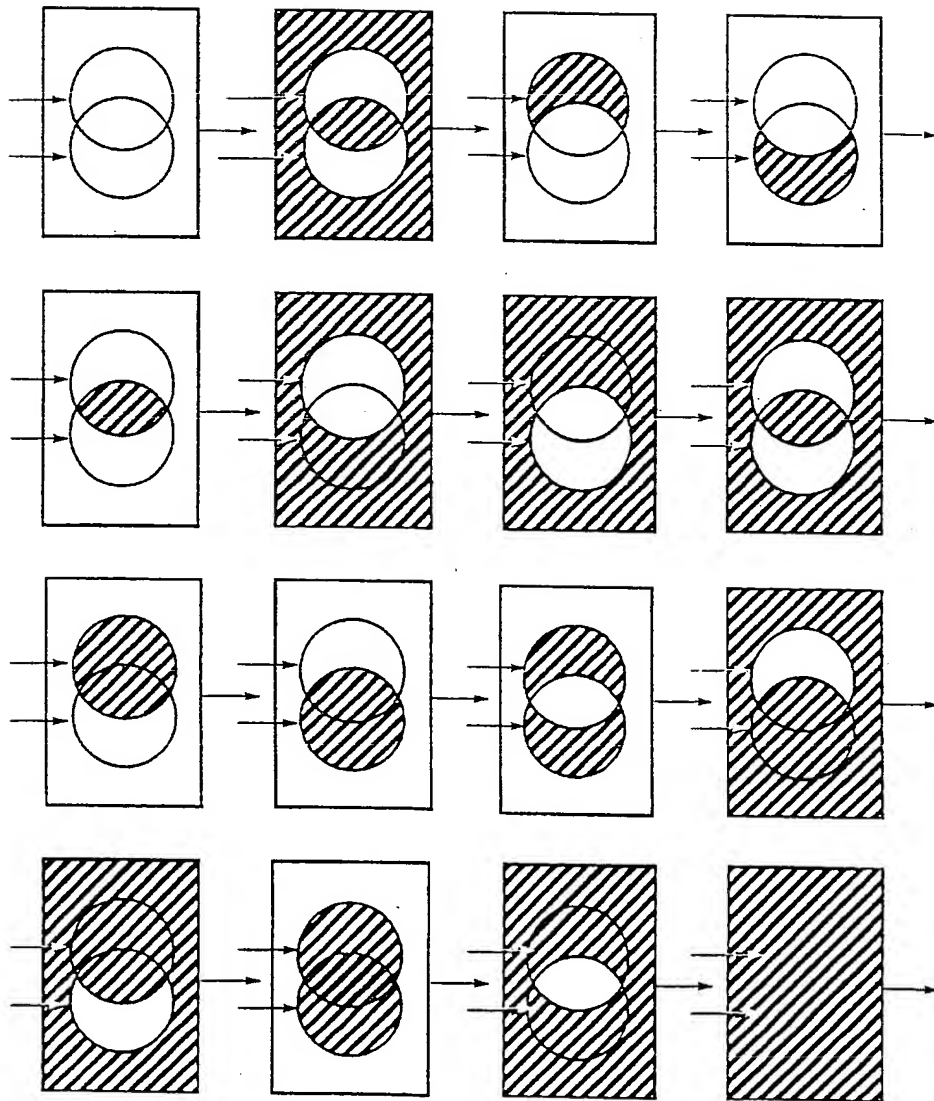FIGURE 5A

54

59

60

61

62

55

FIGURE 5B

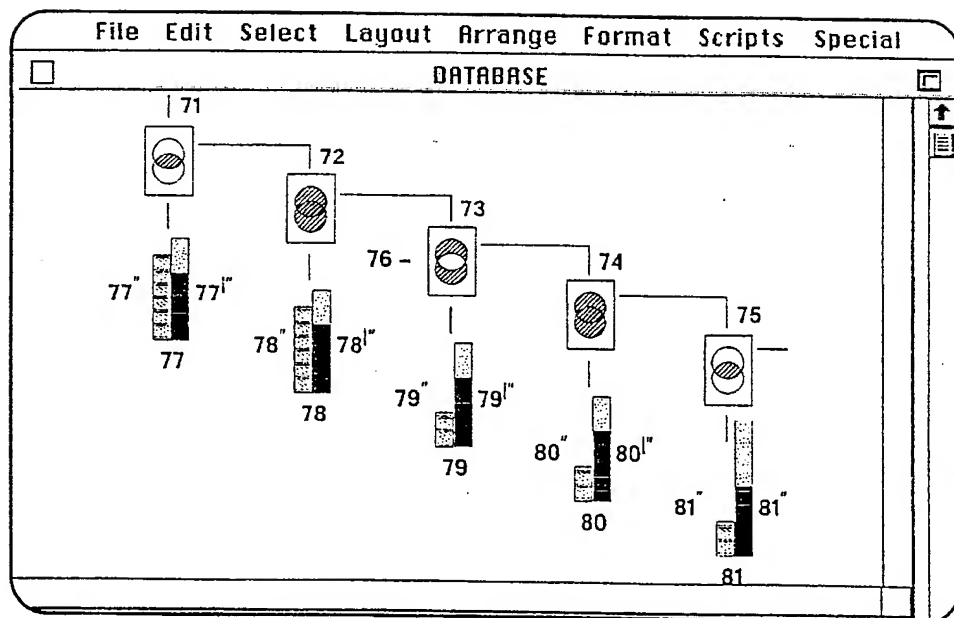57″   57″

58

57″   57″
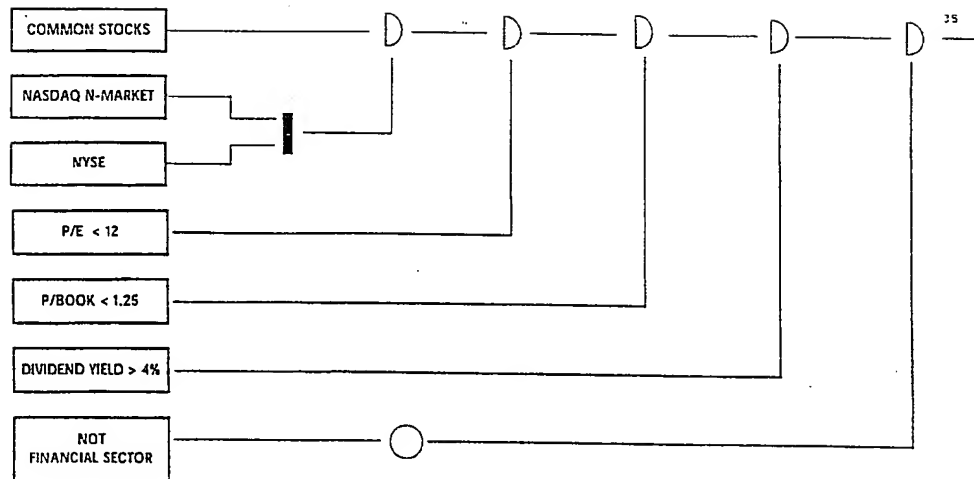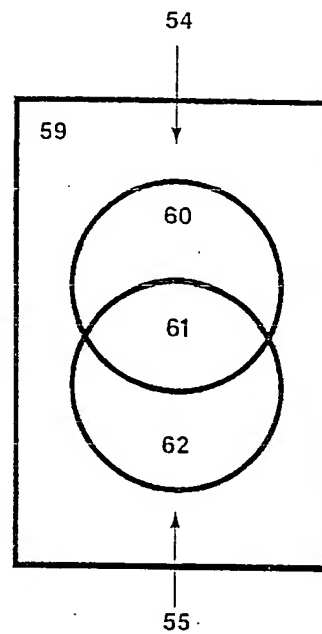
FIGURE 6
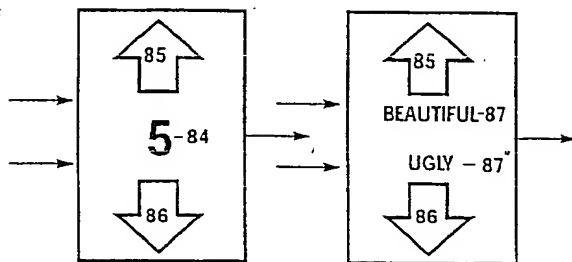
FIGURE 7

FIGURES 8A-D

FIGURE 8A(1)   FIGURE 8A(2)
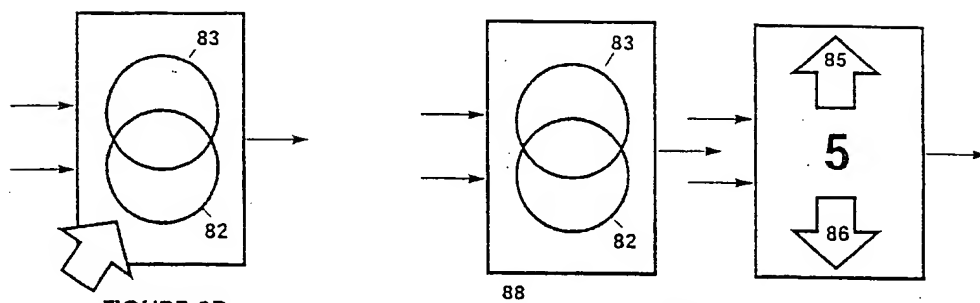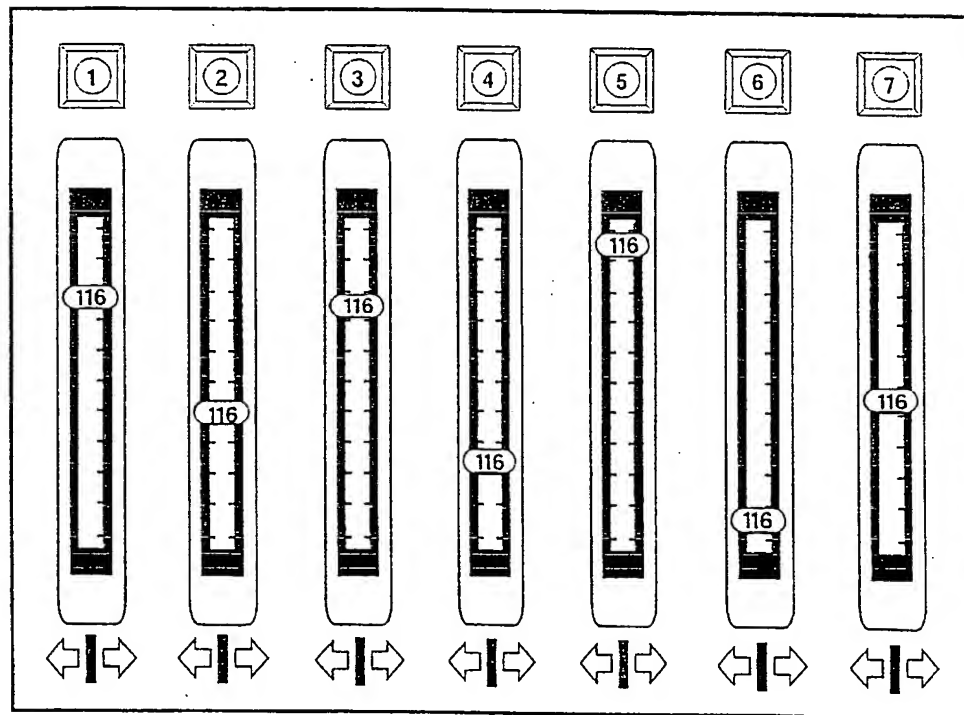

FIGURE 8B   FIGURE 8C
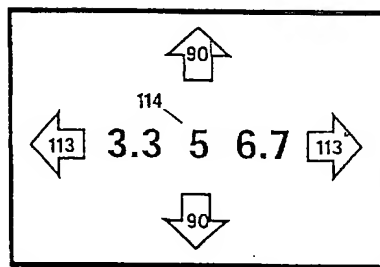
FIGURE 8D

FIGURE 8E

Parametric Controls

115

FIGURE 9

OUTPUT OPTIONS

PROCEDURES:	RESULTS GUIDED BY:
• POINT & CLICK • DRAG • SELECT ANY AREA(S) • SELECT AUTOMATIC SEQUENCE BY RELEVANCE	• IMPLICIT OR EXPLICIT RELEVANCE RULE OR RANKING • SEQUENCE OF INPUT OPERATIONS

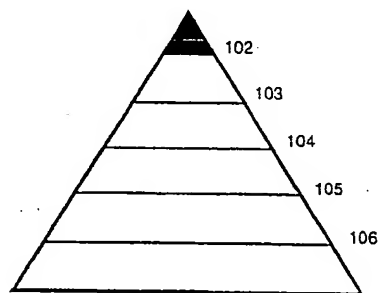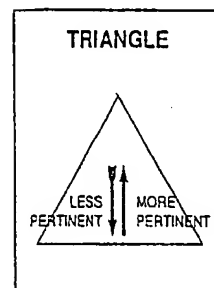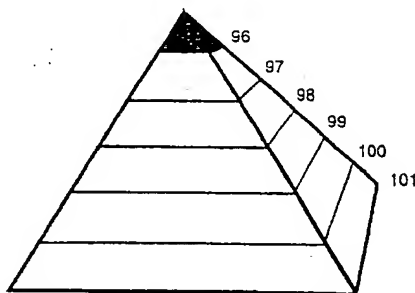CONCENTRIC CIRCLES
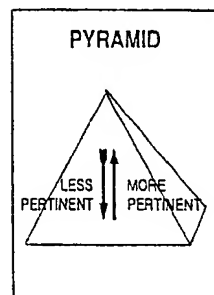
LESS PERTINENT | MORE PERTINENT

95
94
93
92
91

BULL'S EYE = HIGHEST PROBABLE QUALITY HITS

PYRAMID

LESS PERTINENT | MORE PERTINENT

96
97
98
99
100
101

TRIANGLE

LESS PERTINENT | MORE PERTINENT

102
103
104
105
106

FIGURE 10

ACTIVE

11 items   356.8 MB in disk   141 MB available

A — 100

B — 200   50

C — 500   10   111

PASSIVE

0 items   356.8 MB in disk   141 MB available

(A and B) OR (C)
BUT NOT [(A and B)   **112**
AND (C)]

PASSIVE

0 items   356.8 MB in disk   141 MB available

Members	Set	Result	Operator
100	A	(100)	AND
200	B	50	NOT
500	C	10	

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